



DITEL

Electronic module for additional digital I/O

DITEL is an electronic module able to extend the number of digital Input/Output of SICES Genset controllers.

In detail DITEL module can be connected with the following controllers:

DST4602 – max 10 DITEL with CPU or 20 DITEL without CPU connected for a max number of 160 additional, insulated and programmable I/O

DST4601PX – max 4 DITEL connected for a max number of 64 additional, insulated and programmable I/O

GC315, GC310, GC350, GC500Plus – max 1 DITEL for a max number of 16 additional, insulated and programmable I/O

DST4400 and DST4601 – max 1 DITEL for a max number of 16 additional, insulated and programmable I/O

General info

DITEL module is available in 2 (two) versions:

- **RS485 with Modbus RTU protocol**
- **CANBUS.**

Furthermore, DITEL is available:

- **With CPU** (Code art. E61020944XXXX) including 16 INPUTS
- **WITHOUT CPU** (Code art. E61020935XXXX) including 8 OUTPUTS.

Max two output modules can be contemporary connected to one DITEL with CPU.

DITEL with CPU is always necessary even in case only some additional outputs, are required.

Each module is equipped with LED indicators which signal the status of the output or input.

Using RS485 serial port or the proprietary canbus protocol, all status and I/O managed by DITEL are available even for external logics. As alternative, DITEL allows to active the Outputs based on the status received by the genset controller, it's connected to.

Regarding to the Inputs, DITEL CPU has 16 insulated Inputs having proper filters.

DITEL can be managed by any Control Device (PC or PLC and others) which use the same protocol. Technical data

Technical data DITEL 16 I/O

Supply voltage:	Main board: 7...32 Vdc
12V Relay board:	9..16Vdc (holding voltage 3V)
24V Relay board:	18..30Vdc (holding voltage 5V)
Power consumption: 5W (non active inputs and outputs all active)	
Contacts outputs:	1NO, 1NC, 1COM
Contact rating:	5 A max, 250 V max
Operating temperature:	-20 °C to 60 °C
Weight:	500g
Overall dimension:	85Wx120Lx125D mm
Panel mounting:	by DIN bar EN50022
EMC:	conformity to EN61326-1.
Safety:	built in conformity to EN61010-1

If required, available tropicalized version for hazardous areas.

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